

# PATENT SPECIFICATION

NO DRAWINGS

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## COMPLETE SPECIFICATION

### Improvements in or relating to Pastille Formulations

#### ERRATUM

SPECIFICATION No. 1,144,915

Page 1, Heading, Application Date: 24 Nov., 1966, for "No. 52599/67." read "No. 52599/66."

THE PATENT OFFICE  
28th April 1969

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#### IMPROVEMENTS IN MEDICINAL PASTILLES.

- 15 The primary object of a medicinal pastille is to provide a pleasant means of administering medicaments intended to bathe the mucous membranes. It is well known to use both hard and soft pastille bases, for different purposes. The soft base is usually sugared and dissolves quickly in the mouth. The hard gum-gelatin base is resistant to all but the most vigorous chewing and lasts a longer time. At present these are always presented as separate formulations.

25 According to the present invention there is provided a medicinal pastille comprising

- 30 (a) a first solid portion, comprising a first medicament intended to provide a relatively prolonged medicinal effect, the said first portion being so formulated as to dissolve slowly in the mouth and thereby to provide slow release of the said medicament in the mouth; and

- 35 (b) a second solid portion, comprising a second medicament intended to provide faster medicinal effect than said first medicament, the said second portion being so formulated as to dissolve in the mouth at a faster rate than said first portion and thereby to provide relatively fast release of said second medicament.

40 In the pastilles according to the invention

[Price 4s. 6d.]

the relative hardness of the two portions may be controlled by altering the gelatin contents the addition of gums, sugars, sorbitol, or other solids, and by alteration of the glycerin or water content.

The pastille is prepared by mixing the ingredients for each portion, shaping and stoving each portion, the two portions being combined to form the pastille either after stoving or before some or all of the stoving. The hardness of the layer is dependent on the temperature and duration of stoving and the ingredients employed. Examples of compositions from which the second portion may be prepared are as follows:—

#### EXAMPLE 1

76 lbs. sugar  
20½ lbs. glucose  
3½ lbs. gelatin  
8½ oz. Tartaric Acid.

#### EXAMPLE 2

66 lbs. sugar  
27½ lbs. glucose  
6 lbs. gelatin  
2½ oz. tartaric acid.

Medicaments, and flavourings, if desired, are added to the composition and the mixture

SEE ERRATA SLIP ATTACHED

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